

BYD COUNTERBALANCE FORKLIFT - THREE WHEELER

	1.2	Model			ECB16	ECB18
	1.3	Drive			Electric	Electric
	1.5	Rated capacity	Q	kg	1600	1800
	1.6	Load center	c	mm	500	500
	1.9	Wheelbase	y	mm	1360	1360
Weight	2.1	Service weight		kg	3100	3300
	2.2	Axle load, with load, front/rear		kg	4083/617	4495/605
	2.3	Axle load, without load, front/rear		kg	1466/1634	1551/1749
Wheels, Chassis	3.1	Tyres			SE	SE
	3.2	Tyre size, front		mm	18x7-8	18x7-8
	3.3	Tyre size, rear		mm	15x4.5-8	15x4.5-8
	3.5	Wheels, number front rear (X=driven wheels)			2x/2	2x/2
Basic Dimensions	4.1	Tilt of mast/fork carriage forward/backward	a/b	deg	5/7	5/7
	4.7	Height of overhead guard	h6	mm	2050	2050
	4.8	Seat height	h7	mm	985	985
	4.12	Coupling height	h10	mm	480	480
	4.19	Overall length	l1	mm	2935	2935
	4.20	Length to face of forks	l2	mm	1935	1935
	4.21	Overall width	b1	mm	1050	1050
	4.31	Ground clearance, with load, below mast	m1	mm	95	95
	4.32	Ground clearance, center of wheelbase	m2	mm	95	95
	4.33	Aisle width for pallets 1000x1200 crossways	Ast	mm	3460	3500
4.34	Aisle width for pallets 800x1200 lengthways	Ast	mm	3580	3620	
4.35	Turning radius	Wa	mm	1570	1610	
Performance Data	5.1	Travel speed, with/without load		Km/h	16/16	16/16
	5.2	Lift speed, with/without load		m/s	0.4/0.6	400/600
	5.3	Lowering speed, with/without load		m/s	0.58/0.47	580/470
	5.8	Max. gradeability, with/without load		%	20/20	18/20
	5.10	Service brake			Mech./Hydr.	Mech./Hydr.
Motor	6.1	Drive motor rating S2 60 min.		kW	5.5x2	5.5x2
	6.2	Lift motor rating at S3 15%		kW	12	12
	6.4	Battery voltage, nominal capacity K5		V/Ah	80/230	80/230
	6.5	Battery weight		kg	760	760
Others	8.1	Type of drive control			AC	AC
	8.2	Operating pressure for attachments		Bar	160	160
	8.4	Sound level at the driver's ear		dB(A)	65	65